

*Adult female.* Similar to the female of *E. remotum*, but distinguished by its entirely chestnut tail, the whole of the lower back, rump, and upper tail-coverts being light rufous: "bill, legs, and iris black" (*C. M. Woodford*). Total length 8 inches, culmen 0·85, wing 4·4, tail 3, tarsus 0·9.

The specific name is founded on the characters of the female, which in this genus of *Campophagidæ* possesses the most strongly marked distinctions.

Fam. MUSCICAPIDÆ.

POMAREA ERYTHROSTICTA, sp. n.

*Pomarea castaneiventris* (nec Verr.), Grant, P. Z. S. 1887, p. 331.

*Adult female.* General colour purplish black; lesser and median wing-coverts like the back; greater coverts, primary-coverts, quills, and tail-feathers black, with a slight purplish gloss on the edges of the feathers; sides of head, throat, and chest glossy purplish black like the back; in front of the eye a spot of bright cinnamon; breast, abdomen, sides of body, flanks, and under tail-coverts deep chestnut; thighs chestnut with black bases; under wing-coverts and axillaries chestnut, the former with black bases; edge of wing black; lower primary-coverts ashy; quills dusky below, ashy along the edge of wing towards the base: "bill grey; legs black; iris brown" (*C. M. Woodford*). Total length 5·6 inches, culmen 0·7, wing 3·15, tail 2·2, tarsus 0·75.

*Hab.* Fauro.

There is no doubt that this species is distinct from *P. castaneiventris*, the rufous spot in front of the eye distinguishing it at a glance.

3. Second List of the Birds collected by Mr. C. M. Woodford in the Solomon Archipelago. By W. R. OGILVIE-GRANT<sup>1</sup>.

[Received February 21, 1888.]

(Plate X.)

In the Proceedings of this Society, 1887, pp. 328-333, I had the pleasure of giving a list, with some notes on the first collection, of Birds made by Mr. C. M. Woodford at Fauro, Alu, Shortland Island, and other localities in the Solomon Archipelago, which contained examples of 35 species, two (*Macrocorax woodfordi* and *Monarcha erythrostickta*) being new to science.

The second collection made by the same gentleman, and described in the present paper, is much more extensive, and contains representatives of 66 species, of which the majority were obtained at Aola and Rovatu, in the Island of Guadalcanar, between the months of April and July 1887; while a few were got at the little island of Rubiana in March of the same year.

<sup>1</sup> See P. Z. S. 1887, p. 328.

Of these 66 species no less than 11 are new to science. Six of these have been described in a separate paper by my colleague Mr. Bowdler Sharpe, to whom I am much indebted for kind help and advice, while full descriptions of the remaining 5 will be found below.

Besides the new birds, a number of specimens represent rare and little-known forms, such as *Carpophaga brenchleyi* of Gray.

Mr. Woodford has taken every care in giving notes on the life-colours of the "soft parts" of each bird, and all particulars regarding its sex, locality, and the date when it was obtained: also a list of the native names in use on the various islands he visited, whenever these could be obtained.

There is a fine series of specimens of the new Crow (*Macrocorax woodfordi*) previously described, which differ little from one another, and all show the striking peculiarities of this species.

The Flycatcher (*Monarcha castaneiventris*), from Guadalcanar, is an interesting form to which two specimens from Fauro were erroneously referred in my previous paper. These now prove to belong to a species very distinct, both from the former and from the smaller *M. rufo-castanea* of Ramsay, from San Christoval. The fact of these three neighbouring islands each possessing a distinct species of their own clearly shows that these birds do not migrate.

The first new species is a Pigmy Parrot (*Nasiterna aolæ*), and probably the smallest representative of that genus. The nearest ally is the larger *N. finschi*, found in San Christoval, from which it may be at once distinguished by having the top of the head in both sexes washed with azure-blue, and by the adult male having no orange-red stripe down the centre of the abdomen.

The second is a dull olive-yellow Honey-sucker, which I have named *Myzomela sharpei*, in honour of my colleague Mr. Sharpe. Only one adult male was obtained, but this is entirely unlike anything hitherto described.

The third is a Ground-Pigeon, which I have called *Phlogænas solomonensis*. This bird is perhaps hardly entitled to specific rank, and might perhaps be more correctly regarded as another insular race of Mr. Sclater's species *P. johannæ*, from New Britain. But it is altogether darker than the latter species, and has the upper surface washed with purple instead of olive.

The fourth is a very fine Heron, which I have named *Ardeiralla woodfordi*, after the collector. It appears to stand remote from anything hitherto known, being only distantly related to *A. flavicollis*.

The last new species is a Night-Heron (*Nycticorax mandibularis*), which was obtained by Mr. Ramsay from the same locality, but confounded by him with *N. manillensis*, Vigors. It holds a somewhat intermediate position between this species and *N. caledonicus*, but is considerably smaller than either, as the comparative table of measurements given below will clearly show. Of the two it is most closely allied to the latter, but is easily recognized by its dark rufous breast and the absence of the white superciliary streak so strongly marked in *N. caledonicus*.

---

At Aola, Guadalcanar.   Manu        =a bird.   Tolua =an egg.  
 At Rubiana.             Kuru-kuru=   ,,        Vovoto=   ,,  
 At Alu, Shortland Isl.   Maraka    =   ,,        Erun =   ,,

The following is a list of the native names for each species as far as could be obtained. Mr. Woodford is responsible for the names marked \* :—

	In Alu, Shortland Island.	In Aola, Guadalcanar.	In Rubiana.
<i>Haliaëtus leucogaster</i> .....	Manua.	Polui.	
<i>Astur pulchellus</i> .....	Gehetehemanea.		
<i>Astur shebæ</i> .....	.....	Arokupusaqui.	
<i>Astur woodfordi</i> .....	.....	Kulekule.	
<i>Astur albigularis</i> ? .....	Ourisiara.		
<i>Baza guadalcanarensis</i> ..	.....	Kiso.	
<i>Pandion leucocephalus</i> .....	Manuellei.	Mavu.	Manuwai.
<i>Haliastur girrenera</i> .....	Nena.		
<i>Ninox granti</i> .....	.....	Kuru.	
<i>Cacatua ducorpsi</i> .....	An-a-a.	Merako.	Kakea.
<i>Geoffroyius heteroclitus</i> ..	Keaka.	Kina.	
<i>Eclectus polychlorus</i> .....	Karo.	Kalau.	
<i>Lorius chlorocercus</i> .....	.....	Lauru.	
<i>Eos cardinalis</i> .....	Oulisili.	Kolasiri.	
<i>Trichoglossus massena</i> .....	Dimoro.	Rokovigan.	Uilisuru.
<i>Cacomantis tymbononius</i> ...	.....	Thariande.	
<i>Nesoeentor milo</i> .....	.....	Thenge.	
<i>Rhytidoceros plicatus</i> .....	Popo.	Bina.	
<i>Haleyon leucopygia</i> .....	.....	Tumbunavua.	
<i>Haleyon saurophaga</i> .....	Keo-keo-la-leite.	Thetheutha.	
<i>Haleyon sancta</i> .....	Koro-koro-opoulu.	Kitoto.	
<i>Eurystomus crassirostris</i> ..	Kekewaka.	Kerau.	
<i>Macropteryx mystacea</i> .....	Siru.	Uvekeviu.	
<i>Hirundo tahitica</i> .....	Kinkina.		
<i>Monarcha rufonotata</i> .....	Sisio.		
<i>Rhipidura tricolor</i> .....	Piriti.	Vuvugo.	Pitikole.
<i>Graucalus pusillus</i> .....	Biu-biu.		
<i>Graucalus elegans</i> .....	Goreala.		
<i>Graucalus sclateri</i> .....	.....	Kuira.	
<i>Pachycephalus astrolabi</i> ...	.....	Pöisau ?	
<i>Calornis metallica</i> .....	Ouririri.		
<i>Lamprocorax grandis</i> .....	Sikootoo.	Tomi.	
<i>Mino kreffti</i> .....	Tigeno.		
<i>Macrocorax woodfordi</i> .....	.....	Kau.	
<i>Ptilopus lewisi</i> .....	Bubueka.	Kavuku ?	
<i>Globicera rufigula</i> .....	Uru-on.	Marui.	Baruku.
<i>Macropygia rufo-castanea</i> ..	Bio ?		
<i>Phlogænas solomonensis</i> ...	.....	Muluka.	
<i>Colænas nicobarica</i> .....	Kokorako.		
<i>Megapodius brenchleyi</i> .....	I-on.	Kolao.	
* <i>Gallus domesticus</i> .....	Kokole.	Kokoroko.	Kokorako.
* <i>Porphyrio melanopterus</i> ...	.....	Bulake.	
<i>Numenius variegatus</i> .....	.....	Vutemila.	
<i>Deniegretta sacra</i> .....	So-o.		
<i>Butoroides javanica</i> .....	No-kea.	Ron.	
* <i>Anas superciliosa</i> .....	.....	Tharanga.	
<i>Sterna longipennis</i> .....	.....	Ndei-ndei.	
* <i>Frigate-bird</i> .....	Pore-ei.	.....	Belana.

## 1. HALIAËTUS LEUCOGASTER.

*Cuncuma leucogaster* (Gm.); Salvad. Orn. Papuasia, i. p. 7.

a. ♂ imm. Aola, Guadalcanar; 21. 6. 87. Bill black; legs dirty grey; iris brown. Food putrid fish.

b. ♀ imm. Aola, Guadalcanar; 10. 8. 87. Bill slaty blue; legs dirty grey; iris brown.

## 2. ASTUR WOODFORDI.

*Astur woodfordi*, Sharpe, *suprà*, p. 183.

## 3. ASTUR HOLOMELAS.

*Astur holomelas*, Sharpe, *suprà*, p. 182.

## 4. ASTUR SHEBÆ.

*Astur shebæ*, Sharpe, *suprà*, p. 183.

## 5. ASTUR ALBIGULARIS.

*Astur albigularis* (Gray); Sharpe, *suprà*, p. 183.

## 5a. BAZA GURNEYI.

*Baza gurneyi*, Salvad. t. c. iii. App. p. 506.

## 6. PANDION LEUCOCEPHALUS.

*Pandion leucocephalus*, Gould; Salvad. t. c. i. p. 11.

a. ♀ ad. Aola, Guadalcanar; 17. 7. 87. Bill black; legs white; iris yellow.

## 7. HALIASTUR GIRRENERA.

*Haliastur girrenera* (Vieill.); Salvad. t. c. i. p. 15.

a. ♀ ad. Aola, Guadalcanar; 20. 4. 87. Bill yellow; legs yellow; iris red-brown.

b. ♂ ad. Aola, Guadalcanar; 14. 5. 87. Bill yellow; legs yellow; iris red-brown.

c. ♂ ad. Aola, Guadalcanar; 27. 5. 87. Bill yellow; legs yellow; iris brown. Food, Orthoptera.

## 8. NINOX GRANTI.

*Ninox granti*, Sharpe, *suprà* p. 183.

## 9. CACATUA DUCORPSI.

*Cacatua ducorpsii*, Jacq. & Pucher; Salvad. t. c. i. p. 104; Sharpe, in Gould's Birds N. Guinea, pt. xix. pl.

a. ♀ ad. Rubiana; 7. 3. 87. Bill blue; legs black; iris red; skin round eyes pale blue.

b. ♀ ad. Aola, Guadalcanar; 21. 4. 87. Bill blue; legs grey; iris red; skin round eyes pale blue.

c. ♀ ad. Aola, Guadalcanar; 30. 4. 87. Bill pale blue; legs grey; iris dark brown.

*d.* ♂ ad. Aola, Guadalcanar; 1. 5. 87. Bill pale blue; legs grey; iris nearly black.

Mr. Woodford was of opinion that the red-eyed birds might prove different from the black-eyed, but I cannot find any difference whatever.

10. *NASITERNA AOLÆ*, sp. n. (Plate X. figs. 1, 2.)

*a.* ♀ ad. Aola, Guadalcanar; 14. 4. 87. Bill black; legs grey; iris red.

*b.* ♂ ad. Aola, Guadalcanar; 1. 6. 87. Bill black; legs grey; iris orange.

*c.* ♂ ad. Aola, Guadalcanar; 5. 6. 87. Bill black; legs grey; iris orange.

This bird is at once distinguishable from the larger *N. finschi*, Ramsay, which it otherwise resembles, by having the top of the head in both sexes washed with azure-blue, and by having the whole under surface yellowish green, without any stripe of orange-red down the centre of the abdomen in the male. As shown by the above specimens, the blue feathers round the lower mandible are a character of the male, while the reddish-orange distinguish the female. The only specimen of *N. finschi* in the Natural-History Museum is a female:—"Iris dark hazel. Bill and feet ash. San Christoval, August 10th, 1880.—*G. E. R.*" And this has the feathers round the mandible reddish orange, and the head uniform green, like the back.

	Total length.	Culmen.	Wing.	Tail.	Tarsus.	1st toe (s. u.).	Short hind toe (s. u.).
	in.	in.	in.	in.	in.	in.	in.
♂ . . . .	..	0·3	2·25	1·05	0·32	0·5	0·27
♀ . . . .	..	0·3	2·3	1·01	0·33	0·5	0·25

11. *GEOFFROYIUS HETEROCLITUS*.

*Geoffroyius heteroclitus* (Hombr. & Jacq.); Salvad. *t. c. i.* p. 194; Sharpe, in Gould's Birds of New Guinea, pt. viii. pl.

*a.* ♂ ad. Aola, Guadalcanar; 22. 4. 87. Bill above grey, below black; legs grey; iris pale yellow.

*b.* ♀ ad. Aola, Guadalcanar; 4. 7. 87. Bill black; legs grey; iris pale yellow.

*c.* ♂ ad. Aola, Guadalcanar; 4. 7. 87. Bill yellow above, black below; legs grey; iris pale yellow.

*d.* ♀ ad. Aola, Guadalcanar; 11. 8. 87. Bill yellow above, black below; legs grey; iris straw.

12. *ECLECTUS POLYCHLORUS*.

*Eclectus pectoralis* (P. L. S. Müll.); Salvad, *t. c. i.* p. 197.

*Eclectus polychlorus* (Scop.); Sharpe, *t. c.* pt. viii. pl.

*a.* ♂ ad. Aola, Guadalcanar; 9. 4. 87. Bill above yellow, below black; legs black; iris red. Food, fruit.

- b.* ♀ ad. Aola, Guadalcanar; 14. 4. 87. Bill black; legs black; iris red. Food, fruit.  
*c.* ♂ ad. Aola, Guadalcanar; 30. 5. 87. Bill yellow above, black below; legs black; iris yellow.  
*d.* ♂ ad. Aola, Guadalcanar; 1. 6. 87. Bill yellow above, black below; legs black; iris red.  
*e.* ♀ ad. Aola, Guadalcanar; 1. 6. 87. Bill black; legs black; iris yellow.

### 13. LORIUS CHLOROCERCUS.

*Lorius chlorocercus*, Gould, Salvad. *t. c. i.* p. 239.

- a.* ♀ ad. Aola, Guadalcanar; 1. 6. 87. Bill orange; legs black; iris red.  
*b.* ♀ ad. Aola, Guadalcanar; 9. 6. 87. Bill orange; legs black; iris red.  
*c.* ♂ ad. Aola, Guadalcanar; 10. 7. 87. Bill orange; legs black; iris orange.  
*d.* ♀ ad. Aola, Guadalcanar; 10. 7. 87. Bill orange; legs black; iris red.  
*e-h.* 4 ♂ ad. Aola, Guadalcanar; 14. 7. 87. Bill orange; legs black; iris orange.  
*i-m.* 3 ♀ ad., 1 ♀ imm. Aola, Guadalcanar; 14. 7. 87. Bill orange; legs black; iris orange.  
*n.* ♂ ad. Aola, Guadalcanar; 17. 7. 87. Bill orange; legs black; iris orange.  
*o.* ♂ ad. Aola, Guadalcanar; 25. 7. 87. Bill orange; legs black; iris orange.

The young female has not got the black patch of feathers which lie on either side and in front of the yellow crescent on the breast. The red on the throat, cheeks, back of the neck, belly, &c. is mixed with yellow, and the yellow zone on the breast is not clearly defined, many of the feathers being tipped or broadly edged with red. The red on the inner webs of the primaries is suffused with yellow towards the extremities. The black on the head is mixed with green similar to that on the wing.

### 14. EOS CARDINALIS.

*Eos cardinalis* (Gray), Salvad. *t. c. i.* p. 249.

- a.* ♀ ad. Rubiana; 7. 3. 87. Bill yellow; legs black; iris red. Food, flower of cocoa.  
*b.* ♂ ad. Aola, Guadalcanar; 15. 5. 87. Bill red-orange, black on top; skin black, with a yellow band at lower mandible; legs black; iris red.  
*c, d.* ♂ ♀ ad. Aola, Guadalcanar; 10. 7. 87. Bill orange; legs black; iris red.  
*e-g.* 2 ♂, 1 ♀ ad. Aola, Guadalcanar; 11. 7. 87. Bill orange; legs black; iris red.  
*h.* ♀ ad. Aola, Guadalcanar; 12. 7. 87. Bill orange; legs black; iris red.

*i.* ♂ ad. Aola, Guadalcanar; 14. 7. 87. Bill orange; legs black; iris red.

*k-m.* 1 ♂, 2 ♀ ad. Aola, Guadalcanar; 17. 7. 87. Bill orange; legs black; iris red.

15. TRICHOGLOSSUS MASSENA.

*Trichoglossus massena*, Bp., Salvad. *t. c.* p. 288.

*a-c.* 2 ♂, 1 ♀ ad. Aola, Guadalcanar; 14. 7. 87. Bill orange; legs grey; iris orange.

16. CACOMANTIS TYMBONOMUS.

*Cacomantis tymbonomus* (S. Müll.), Salvad. *t. c. i.* p. 340.

*a.* ♀ imm. Aola, Guadalcanar; 18. 4. 87. Bill brown; legs yellow, toes black; iris brown. Food, beetles and flies.

17. LAMPROCOCYX BASALIS.

*Lamprococcyx basalis* (Horsf.), Salvad. *t. c. i.* p. 349.

*a.* ♀ ad. Aola, Guadalcanar; 24. 4. 87. Bill black; legs dark grey; iris brown. Food, beetles.

*b.* ♂ ad. Aola, Guadalcanar; 3. 5. 87. Bill black; legs black; iris brown.

*c.* ♂ ad. Aola, Guadalcanar; 4. 5. 87. Bill black; legs grey; iris brown.

*d.* ♀ ad. Aola, Guadalcanar; 6. 5. 87. Bill black; legs black; iris brown.

18. EUDYNAMIS CYANOCEPHALA.

*Eudynamis cyanocephala* (Lath.), Salvad. *t. c. i.* p. 365.

*a.* ♀ ad. Aola, Guadalcanar; 6. 6. 87. Bill black above, grey below; legs olive; iris orange-red.

19. URODYNAMIS TAITIENSIS.

*Urodynamis taitiensis* (Sparrm.), Salvad. *t. c. i.* p. 370.

*a.* ♂ imm. Aola, Guadalcanar; 20. 4. 87. Bill brown above, yellow below; legs yellowish grey; iris yellow.

*b.* ♂ imm. Aola, Guadalcanar; 20. 5. 87. Bill olive; legs olive; iris yellow.

20. NESOCENTOR MILO.

*Nesocentor milo* (Gould), Salvad. *t. c. i.* p. 385.

*a.* (♂) ad. Aola, Guadalcanar; 14. 4. 87. Bill black; legs black; iris red.

*b.* Imm. Aola, Guadalcanar; 4. 5. 87. Bill brown; legs bluish grey; iris brown. Food, beetles and grasshoppers.

*c.* ♀ ad. Aola, Guadalcanar; 6. 5. 87. Bill brown; legs slate; iris dark grey.

*d.* ♂ ad. Aola, Guadalcanar; 15. 5. 87. Bill black; legs grey; iris brown.

## 21. RHYTIDOCEROS PLICATUS.

*Rhytidoceros plicatus* (Penn.), Salvad. *t. c. i.* p. 392.

a. ♂ ad. Aola, Guadalcanar; 14. 4. 87. Bill white, reddish at base; legs black; iris red. Food, fruits and seeds.

b. ♀ ad. Aola, Guadalcanar; 14. 4. 87. Bill white, reddish at base; skin of throat chalk-white, round eye blue; legs black; iris red.

c. ♂ imm. Aola, Guadalcanar; 22. 4. 87. Bill yellowish white, base reddish; throat chalk-white, skin of eye blue; legs black; iris reddish brown.

d. ♂ ad. Aola, Guadalcanar; 26. 4. 87. Bill dirty white, reddish at base; throat chalk-white, skin round eye blue; legs black; iris reddish yellow.

e. ♂ imm. Aola, Guadalcanar; 27. 4. 87. Bill white, base red; skin of throat chalk-white, round eye blue; legs black; iris reddish brown.

f, g. ♂ ad., ♂ imm. Aola, Guadalcanar; 30. 4. 87. Bill white, base red; skin of throat chalk-white, round eye pale blue; legs black; iris reddish yellow.

h. ♀ imm. Aola, Guadalcanar; 10. 5. 87. Bill white, base red; skin of throat and eyes white; legs black; iris dull yellow.

i. ♀ imm. Aola, Guadalcanar; 13. 5. 87. Bill dirty white, base red; skin of throat and eyes pure white; legs black; iris dull yellow.

k. ♂ ad. Aola, Guadalcanar; 14. 5. 87. Bill dirty white, base red; skin of throat white, round eye pale blue; legs black; iris reddish yellow.

l. ♀ ad. Aola, Guadalcanar; 29. 5. 87. Bill dirty white, base red; skin of throat and round eye chalky white; legs black; iris brown.

This series shows the interesting and curious development with age of the horny plates on the upper mandible. The youngest specimens have merely a raised lump, while the oldest has no less than seven plates, and the bill is longer and stronger than in the younger birds.

The young male (spec. *c*) has a black spot on the extremity of each of the tail-feathers, which is absent in the rest of the series, and Mr. Woodford assures me it is the only specimen in which he ever observed this peculiarity.

## 22. ALCEDO ISPIDOIDES.

*Alcedo ispidoides*, Less., Salvad. *t. c. i.* p. 408.

a. ♂ ad. Aola, Guadalcanar; 20. 4. 87. Bill black; legs dark red-brown; iris brown. Food, shrimps.

b. ♀ imm. Rovatu River; 22. 5. 87. Bill black; legs red; iris brown.

c. ♂ ad. Aola, Guadalcanar; 1. 7. 87. Bill black; legs red; iris brown.



## 23. CEYX SOLITARIA.

*Ceyx solitaria*, Temm., Salvad. t. c. i. p. 420; Sharpe, in Gould's Birds of New Guinea, pt. iii. pl.

a. ♂ ad. Aola, Guadalcanar; 27. 6. 87. Bill red; legs red; iris red.

## 24. HALCYON LEUCOPYGIA.

*Cyanalcyon leucopygia*, Verr., Salvad. i. p. 457.

*Halcyon leucopygia*, Sharpe, in Gould's Birds of New Guinea, pt. xviii. pl.

a. ♂ ad. Aola, Guadalcanar; 11. 4. 87. Bill black; legs grey; iris brown. Food, lizards and grasshoppers.

b. ♀ ad. Rovatu, Guadalcanar; 15. 4. 87. Bill black; legs black; iris brown. Food, beetles &c.

c. ♂ ad. Aola, Guadalcanar; 8. 5. 87. Bill black; legs black; iris dark brown.

d. ♂ imm. Aola, Guadalcanar; 12. 5. 87. Bill black; legs black; iris brown.

e, f. ♂ ♀ ad. Aola, Guadalcanar; 14. 7. 87. Bill black; legs black; iris brown.

Only the adult males have the white rump; in the young male it is purplish and undefined, and the neck and breast are pinkish buff.

## 25. HALCYON SAUROPHAGA.

*Sauropatis saurophaga* (Gould), Salvad. t. c. i. p. 469.

a. Ad. Rubiana; 4. 3. 87. Bill black; legs black; iris brown.

## 26. HALCYON TRISTRAMI.

*Sauropatis tristrami* (Layard), Salvad. t. c. iii. App. p. 524.

*Halcyon tristrami*, Layard, Sharpe, in Gould's Birds of New Guinea, pt. xix. pl.

a. Ad. Aola, Guadalcanar; 8. 5. 87. Bill black, white below; legs black; iris dark brown.

## 27. HALCYON SANCTA.

*Sauropatis sancta* (Bodd.), Salvad. t. c. i. p. 470.

a. Imm. Rubiana; 20. 3. 87. Bill black; legs black; iris brown.

b. ♂ imm. Aola, Guadalcanar; 21. 4. 87. Bill black; legs grey; iris brown.

c. ♀ imm. Aola, Guadalcanar; 24. 4. 87. Bill black; legs grey; iris brown.

d. ♂ ad. Aola, Guadalcanar; 30. 4. 87. Bill black; legs grey; iris brown.

e. ♂ imm. Aola, Guadalcanar; 14. 5. 87. Bill black; legs dark grey; iris brown.

f. ♂ ad. Aola, Guadalcanar; 26. 6. 87. Bill black, white below; legs grey; iris dark brown.

g. ♀ ad. Aola, Guadalcanar; 4. 7. 87. Bill black; legs grey; iris brown.

## 28. EURYSTOMUS CRASSIROSTRIS.

*Eurystomus crassirostris*, Sclater, *Salvad. t. c. i.* p. 510.

a. ♂ ad. Aola, Guadalcanar; 4. 4. 87. Bill red; legs red; iris brown. Food, beetles.

b. ♂ ad. Aola, Guadalcanar; 7. 4. 87. Bill red; legs red; iris brown. Food, beetles.

c. ♀ ad. Aola, Guadalcanar; 15. 4. 87. Bill red; legs red; iris brown. Food, beetles.

d. ♀ ad. Aola, Guadalcanar; 30. 5. 87. Bill red; legs red; iris red-brown.

e. ♂ ad. Aola, Guadalcanar; 1. 6. 87. Bill red; legs red; iris red-brown.

## 29. MACROPTERYX MYSTACEA.

*Macropteryx mystacea* (Less.), *Salvad. t. c. i.* p. 537.

a. ♂ ad. Rovatu, Guadalcanar; 20. 5. 87. Bill black; legs black; iris black.

b, c. ♂ ♀ ad. Aola, Guadalcanar; 24. 6. 87. Bill black; legs black; iris black.

## 30. COLLOCALIA SPODOPYGIA.

*Collocalia spodopygia* (Peale), *Salvad. t. c. i.* p. 546.

a. ♂ ad. Aola, Guadalcanar; 2. 5. 87. Bill black; legs black; iris black.

## 31. HIRUNDO TAHITICA.

*Hirundo tahitica*, Gm., *Salvad. t. c. ii.* p. 5.

a. ♀ ad. Rovatu River, Guadalcanar; 14. 5. 87. Bill black; legs black; iris black.

## 32. MONARCHA CASTANEIVENTRIS.

*Pomarea castaneiventris* (Verr.), *Salvad. t. c. ii.* p. 11; Sharpe, *t. c. part xviii. pl.*

a. ♂ ad. Aola, Guadalcanar; 12. 4. 87. Bill blue; legs blue; iris black.

b. ♀ ad. Aola, Guadalcanar; 22. 4. 87. Bill blue; legs blue; iris black.

c. ♀ ad. Aola, Guadalcanar; 2. 5. 87. Bill slate-blue; legs slate-blue; iris black.

d. ♂ ad. Aola, Guadalcanar; 20. 5. 87. Bill slate; legs slate; iris black.

e. ♀ ad. Aola, Guadalcauar; 7. 7. 87. Bill slate; legs slate; iris black.

There is no doubt about the correctness of the above identification, as I have Verreaux's type before me. The *Monarcha rufo-castanea* of Ramsay (see Sharpe, in Gould's *Birds of New Guinea*, part xviii. pl.) is stated to come from Lango, *Guadalcanar*; but the three specimens in the Natural-History Museum were obtained by Mr. G. E. Richards in *San Christoval*, and I think it almost certain that Mr. Ramsay's type specimens must also have come from that island.

The specimens obtained by Mr. Woodford in *Fauro*, and doubtfully referred by me in my paper (P. Z. S. 1887, p. 331) to *M. castaneiventris*, now prove to be a well-marked and distinct species (see Sharpe, above, p. 183). I think the following localities will be found correct for the three species:—

*Monarcha castaneiventris* (Verr.), hab. Guadalcanar.

— *rufo-castanea*, Ramsay, hab. San Christoval.

— *erythrosticta*, Sharpe, hab. Fauro.

### 33. PIEZORHYNCHUS BRODIEI.

*Monarcha brodiei*, Ramsay, *Salvad. t. c. ii. p. 26.*

*Peizorhynchus brodiei*, Sharpe, in Gould's *Birds of New Guinea*, pt. xviii. pl.

a. ♂ ad. Aola, Guadalcanar; 30. 4. 87. Bill slate-blue; legs slate-blue; iris black.

b. ♂ ad. Rovatu River, Guadalcanar; 21. 5. 87. Bill slate; legs slate; iris black.

c. ♂ ad. Aola, Guadalcanar; 3. 7. 87. Bill slate; legs slate; iris black.

d. ♀ ad. Aola, Guadalcanar; 4. 7. 87. Bill slate; legs slate; iris black.

e. ♂ ad. Aola, Guadalcanar; 6. 7. 87. Bill slate; legs slate; iris black.

If Mr. Woodford has sexed these birds correctly, the ♀ is identical with the ♂, and the bird figured by Mr. Sharpe (*op. cit.*) as the adult ♀ must be immature.

### 34. RHIPIDURA COCKERELLI.

*Sauloprocta cockerelli*, Ramsay, *Salvad. t. c. ii. p. 53.*

*Rhipidura cockerelli*, Sharpe, in Gould's *Birds of New Guinea*, pt. xvii. pl.

a. Ad. Aola, Guadalcanar; 20. 4. 87. Bill black; legs black; iris black. Food, flies.

b. ♀ (?) ad. Aola, Guadalcanar; 21. 4. 87. Bill black; legs black; iris black.

c. ♀ ad. Aola, Guadalcanar; 30. 4. 87. Bill black; legs black; iris black.

### 35. RHIPIDURA RUBROFRONTATA.

*Rhipidura rubrofrontata*, Ramsay; *Salvad. t. c. ii. p. 68*; Sharpe, in Gould's *Birds of New Guinea*, pt. xxi. pl.

a. ♂ ad. Aola, Guadalcanar; 14. 4. 87. Bill black; legs grey; iris black.

### 36. MYIAGRA FERROCYANEA.

*Myiagra ferrocyanea*, Ramsay, *Salvad. t. c. ii. p. 79*; Sharpe, in Gould's *Birds of New Guinea*, pt. xvii. pl.

a. ♀ ad. Aola, Guadalcanar; 21. 4. 87. Bill black; legs black; iris black.

b. ♂ ad. Aola, Guadalcanar; 4. 5. 87. Bill slaty blue; legs black; iris black.

c. ♀ ad. Aola, Guadalcanar; 4. 7. 87. Bill black; legs slate; iris black.

The sexing of these specimens shows that Mr. Sharpe is correct in regarding *M. pallida*, Ramsay, as merely the female of the black-and-white species *M. ferrocyanea*.

### 37. GRAUCALUS SCLATERI.

*Graucalus sclateri*, Salvad.; Salvad. *t. c.* ii. p. 136.

a. ♂ ad. Aola, Guadalcanar; 5. 4. 87. Bill black; legs black; iris black.

b. ♀ ad. Aola, Guadalcanar; 20. 4. 87. Bill black; legs black; iris dark grey, almost black.

### 38. GRAUCALUS HOLOPOLIUS.

*Graucalus holopolius*, Sharpe, *antedà*, p. 184.

a. ♀ ad. Aola, Guadalcanar; 21. 4. 87. Bill black; legs black; iris black.

### 39. GRAUCALUS PUSILLUS.

*Graucalus pusillus*, Ramsay; Salvad. *t. c.* ii. p. 140; Sharpe, *t. c.* pt. xvii. pl.

a. ♀ ad. Aola, Guadalcanar; 13. 4. 87. Bill black; legs black; iris yellow.

b. ♀ ad. Aola, Guadalcanar; 30. 4. 87. Bill black; legs black; iris yellow.

### 40. EDOLIISOMA ERYTHROPYGON.

*Edoliisoma erythropygium*, Sharpe, *antedà*, p. 184.

### 41. PACHYCEPHALA ASTROLABI.

*Pachycephala astrolabi*, Bp.; Salvad. *t. c.* ii. p. 215.

a. ♂ ad. Aola; 11. 4. 87. Bill black; legs brown; iris brown.

b. (♂ imm.) Aola; 15. 4. 87. Bill brown; legs grey; iris black. Food, insects.

c. ♂ juv. Aola; 15. 4. 87. Bill brown; legs grey; iris black. Food, insects.

d. ♂ juv. Aola; 15. 4. 87. Bill brown; legs grey; iris black. Food, insects.

e. ♂ juv. Aola; 22. 4. 87. Bill brown; legs grey; iris black.

f. ♀. Aola; 17. 4. 87. Bill brown; legs grey; iris black.

g. ♂ ad. Aola; 17. 4. 87. Bill black; legs brown; iris black. Food, seeds.

h. juv. Aola; 2. 5. 87. Bill brown; legs brown; iris dark grey. Food, grasshoppers.

i. ♂ juv. Aola; 2. 5. 87. Bill pale brown; legs pale brown; iris dark grey.

k. ♂ ad. Aola; 3. 5. 87. Bill black; legs grey; iris dark grey.

- l. ♂ ad. Aola; 5. 6. 87. Bill black; legs grey; iris black.  
 m. ♂ ad. Aola; 4. 7. 87. Bill black; legs grey; iris black.  
 n. ♀ ad. ? Aola; 7. 7. 87. Bill black; legs grey; iris brown.  
 o. ♂ ad. Aola; 11. 7. 87. Bill black; legs light brown; iris black.

The young male resembles the adult female, but has the yellow of the outer axillaries indistinct or absent and the yellow of the under tail-coverts and flanks much paler.

As the young male becomes adult the whitish colour of the throat, lower breast, and belly becomes yellow and the pectoral zone becomes of a deeper brown and more defined.

#### 42. CINNYRIS FRENATUS.

*Cyrstostomus frenatus* (S. Müll.), *Salvad. t. c. ii. p. 265.*

- a. ♂ ad. Aola, Guadalcanar; 20. 6. 87. Bill black; legs black; iris black.

#### 43. MYZOMELA SHARPEI, sp. n. (Plate X. fig. 3.)

- a. ♂ ad. Aola, Guadalcanar; 4. 7. 87. Bill black; legs olive; iris black.

Forehead dull black; occiput, neck, and back olive-yellow; rump and upper tail-coverts rufous olive. Wing-coverts, quills, and tail-feathers blackish edged with olive-yellow, primaries with the upper half of the inner web edged with white. Cheeks and throat dull black; neck and upper breast same as back; rest of the under surface yellowish buff. Quills below grey edged with white, tail-feathers grey.

This species is quite unlike anything hitherto described, and I have named it in honour of my colleague Mr. Bowdler Sharpe.

Total length 5.1 inches, culmen 0.85, wing 2.5, tail 1.8, tarsus 0.9.

#### 44. DICÆUM ÆNEUM.

*Dicæum æneum*, Jacq. & Pucher.; *Salvad. t. c. ii. p. 280*; Sharpe, *t. c. pt. xvii. pl.*

- a. ♂ ad. Aola, Guadalcanar; 5. 7. 87. Bill black; legs black; iris black.

#### 45. ERYTHRURA TRICHROA.

*Erythrura trichroa* (Kittl.), *Salvad. t. c. ii. p. 442.*

- a. ♂ imm. Aola, Guadalcanar; 9. 6. 87. Bill black; legs pale brown; iris dark brown.

- b. ♀ ad. Aola, Guadalcanar; 30. 6. 87. Bill black; legs light brown; iris dark brown.

- c-e. ♂, 2 ♀ ad. Aola, Guadalcanar; 5. 7. 87. Bill black; legs light brown; iris black.

- f. ♀ ad. Aola, Guadalcanar; 6. 7. 87. Bill black; legs light brown; iris black.

The adult male differs from the young male and females in having the forehead and cheeks brighter azure-blue and the whole upper and under surface much brighter green.

46. *LAMPROCORAX GRANDIS*.

*Lamprocorax grandis*, Salvad. ; Salvad. *t. c.* ii. p. 462.

a. ♂ ad. Aola, Guadalcanar ; 30. 5. 87. Bill black ; legs black ; iris red.

b. ♀ ad. Aola, Guadalcanar ; 14. 7. 87. Bill black ; legs black ; iris red.

c. ♀ ad. Aola, Guadalcanar ; 28. 7. 87. Bill black ; legs black ; iris red.

*L. minor* has been accidentally figured by Mr. Sharpe (*t. c.*) under the name of *Lamprocorax grandis*.

47. *MINO KREFFTI*.

*Mino kreffti* (Sclater) ; Salvad. *t. c.* ii. p. 469.

a. ♂ ad. Aola, Guadalcanar ; 16. 4. 87. Bill and skin round eye yellow ; legs yellow ; iris yellow.

b. ♀ ad. Aola, Guadalcanar ; 20. 6. 87. Bill and skin round eye yellow ; legs yellow ; iris yellow.

48. *MACROCORAX WOODFORDI*.

*Macrocorax woodfordi*, Grant, P. Z. S. 1887, p. 332.

a. ♀ ad. Aola, Guadalcanar ; 18. 4. 87. Bill white with black tip ; legs black ; iris greyish brown.

b. ♀ ad. Aola, Guadalcanar ; 19. 4. 87. Bill white with black tip ; legs black ; iris greyish brown. Food, fruit and seeds.

c. Ad. Aola, Guadalcanar ; 3. 5. 87. Bill white with black tip ; legs black ; iris dark grey. Food, fruit and insects.

d. ♀ ad. Aola, Guadalcanar ; 7. 5. 87. Bill white with black tip ; legs black ; iris dark grey.

e. ♂ ad. Aola, Guadalcanar ; 16. 5. 87. Bill white with black tip ; legs black ; iris dark grey.

f. ♂ ad. Aola, Guadalcanar ; 25. 5. 87. Bill white with black tip ; legs black ; iris dark grey.

g-h. ♂ ♀ ad. Aola, Guadalcanar ; 4. 6. 87. Bill white with black tip ; legs black ; iris dark grey.

i. ♂ ad. Aola, Guadalcanar ; 6. 6. 87. Bill white with black tip ; legs black ; iris dark grey.

k. ♂ ad. Aola, Guadalcanar ; 17. 7. 87. Bill pinkish ; legs black ; iris dark grey.

l. ♀ ad. Aola, Guadalcanar ; 10. 8. 87. Bill white with black tip ; legs black ; iris grey.

m. ♀ ad. Aola, Guadalcanar ; 12. 8. 87. Bill white with black tip ; legs black ; iris grey.

n. Ad. Aola, Guadalcanar ; 25. 8. 87. Bill white with black tip ; legs black ; iris grey.

o. ♀ ad. Aola, Guadalcanar ; 31. 8. 87. Bill pink with black tip ; legs black ; iris dark grey.

All the series agree well with the type and the sexes are entirely similar.

49. *PTILOPUS SOLOMONENSIS.*

*Ptilopus solomonensis*, G. R. Gr. ; Salvad. *t. c.* iii. p. 50 ; Sharpe, in Gould's Birds of New Guinea, pt. xix. pl.

a. ♀ imm. Aola, Guadalcanar ; 6. 5. 87. Bill black ; legs red ; iris yellow.

This bird is almost identical in every particular with Gray's type, which is also an immature female. The general colour is entirely green, except parts of the belly, flanks, and under tail-coverts, which are yellow, and the tail and primaries, which resemble those of the adult.

50. *PTILOPUS LEWISI.*

*Ptilopus lewisi*, Ramsay ; Salvad. *t. c.* iii. App. p. 556 ; Sharpe, in Gould's Birds of New Guinea, pt. xvii. pl.

a. ♀ juv. Aola, Guadalcanar ; 6. 5. 87. Bill black ; legs red ; iris yellow.

b. ♀ ad. Aola, Guadalcanar ; 8. 5. 87. Bill yellow ; legs red ; iris yellow.

c. ♂ ad. Rovatu, Guadalcanar ; 20. 5. 87. Bill yellow ; legs red ; iris orange.

d, e. ♂ ♀ ad. Aola, Guadalcanar ; 30. 5. 87. Bill black ; legs red ; iris yellow.

51. *PTILOPUS SUPERBUS.*

*Ptilopus superbus* (Temm.), Salvad. *t. c.* iii. p. 6.

♂ ad. Aola, Guadalcanar ; 4. 6. 87. Bill black ; legs red ; iris yellow.

52. *GLOBICERA RUFIGULA.*

*Carpophaga rufigula*, Salvad. ; Salvad. *t. c.* iii. p. 79.

a. ♂ ad. Aola, Guadalcanar ; 25. 5. 87. Bill black ; wattle red ; legs red ; iris red.

53. *CARPOPHAGA BRENCHLEYI.*

*Carpophaga brenchleyi*, G. R. Gr. ; Salvad. *t. c.* iii. p. 90.

a. Ad. Aola, Guadalcanar ; 1. 6. 87. Bill black ; legs carmine ; iris carmine.

A specimen of this little-known species was obtained and agrees well with Gray's type in the Natural-History Museum. Mr. Woodford says that this is the common species of the island.

54. *TURACCENA CRASSIROSTRIS.*

*Turaccena crassirostris*, Gould ; Salvad. *t. c.* iii. p. 131.

a. ♀ ad. Aola, Guadalcanar ; 11. 5. 87. Bill and skin round eye carmine ; legs bright red ; iris bright red.

b. ♂ ad. Aola, Guadalcanar ; 30. 5. 87. Bill carmine ; legs carmine ; iris reddish brown.

55. *MACROPYGIA RUFICASTANEA*.

*Macropygia rufocastanea*, Ramsay ; Salvad. *t. c.* iii. p. 149.

*a.* ♀ ad. Aola, Guadalcanar ; 5. 6. 87. Bill black ; legs red ; iris orange.

*b.* ♀ imm. Aola, Guadalcanar ; 10. 6. 87. Bill black ; legs red ; iris brown.

*c.* ♀ ad. Aola, Guadalcanar ; 24. 6. 87. Bill black ; legs dull pink ; iris reddish brown.

These specimens agree well with Ramsay's description of the species, the adults exhibiting the curious bifid feathers of the upper breast and sides of the neck and reminding one of certain species of *Ptilopus*. The young birds do not exhibit this peculiarity, and as the black bases of the feathers are hidden, the breast is a uniform deep cinnamon-rufous, instead of having the appearance of being spotted with black. The male which came in Mr. Woodford's first collection (see *P. Z. S.* 1887, p. 332) is not an adult but a young bird.

56. *PHLOGENAS SOLOMONENSIS*, sp. n.

*a.* ♂ ad. Aola, Guadalcanar ; 17. 8. 87. Bill black ; legs carmine ; iris brown.

Forehead dark ashy grey ; back and sides of the neck ashy black ; occiput, middle of the neck (paler), back, rump, greater wing- and tail-coverts, and outer secondary quills dark chocolate washed with purple. Lesser and median wing-coverts dark glossy purple. Rest of the quills dark brown and tail-feathers dark brown washed with chocolate-maroon, except the outer three on each side, which are darker and terminated by a light reddish band. Cheeks, throat, and breast dull ashy grey, becoming lighter towards the belly and succeeded by a zone of iridescent dark brown feathers. Rest of the belly and under tail-coverts chalky reddish brown. Axillaries and under wing-coverts dark brown, the latter with a few light red feathers. Quills and tail-feathers below dark brown ; the upper edge of the inner web of the primaries and the ends of the tail-feathers reddish.

This species, though nearly allied to *P. johannæ*, Sclater (*P. Z. S.* 1877, p. 112, pl. xvi.), is altogether a darker bird, the latter having the breast whitish grey, and the occiput, back, &c. washed with olive instead of purple.

No doubt Mr. Ramsay is correct in his supposition that *P. johannæ*, the types of which are before me, comes neither from the Solomon Islands nor New Hebrides, but was obtained by the Rev. G. Brown in New Britain, whence specimens have since been brought.

		Culmen.	Wing.	Tail.	Tarsus.
		in.	in.	in.	in.
<i>P. solomonensis</i>	♂ . . . .	·75	4·5	2·4	1·1
<i>P. johannæ</i> , types	♂ . . . .	·68	4·4	2·8	1·0
	♀ . . . .	·67	4·35	2·8	1·0



## 57. PHLOGÆNAS, sp. inc.

a. ♂ juv. Aola, Guadalcanar; 30. 5. 87. Bill brown; legs brown; iris brown.

b. ♂ juv. Aola, Guadalcanar; 30. 5. 87. Bill brown; legs brown; iris dark brown.

c. ♂ juv. Aola, Guadalcanar; 26. 6. 87. Bill dark brown; legs brown; iris light brown.

These young birds probably represent an unknown species nearly allied to the *P. jobiensis*, from the young of which they differ in lacking the white superciliary streak. They are evidently of the species referred with doubt by Mr. Ramsay (P. L. S. N. S. Wales, i. p. 374) to *Chalcophaps margarithæ*, D'Alb., Salvad.

## 58. CHALCOPHAPS STEPHANI.

*Chalcophaps stephani* (Pucher. et Jacq.); Salvad. t. c. iii. p. 178.

a. ♀ ad. Aola, Guadalcanar; 6. 5. 87. Bill yellow; legs red; iris brown.

b. ♂ ad. Aola, Guadalcanar; 31. 5. 87. Bill yellow; legs red; iris brownish red.

c. ♂ ad. Aola, Guadalcanar; 27. 6. 87. Bill yellow; legs red; iris brown.

The female differs from the male only in having the frontal half of the head dark ash-grey instead of white.

## 59. MEGAPODIUS BRENCHLEYI.

*Megapodius brenchleyi*, G. R. Gr.; Salvad. t. c. iii. p. 240.

a. ♀ ad. Aola, Guadalcanar; 9. 4. 87. Bill yellow; legs black; iris brown.

b, c. 2 ♂ ad. Aola, Guadalcanar; 19. 4. 87. Bill yellow; legs black; iris reddish brown.

d. Pull. Rovatu, Guadalcanar; 24. 5. 87. Bill brown; legs brown; iris brown.

e. Ad. Aola, Guadalcanar; 27. 5. 87. Bill gamboge; legs olive-brown; iris reddish brown.

f. ♂ ad. Aola, Guadalcanar; 7. 7. 87. Bill yellowish brown; legs olive; iris reddish brown.

## 60. ESACUS MAGNIROSTRIS.

*Orthorhamphus magnirostris* (Geoffr.); Salvad. t. c. iii. p. 290.

a. ♀ ad. Aola, Guadalcanar; 9. 6. 87. Bill black; legs yellow; iris yellow.

## 61. NUMENIUS VARIEGATUS.

*Numenius variegatus* (Scop.), Salvad. t. c. iii. p. 332.

a. ♂ ad. Aola, Guadalcanar; 26. 4. 87. Bill black; legs grey; iris dark brown.

b. ♂ ad. Aola, Guadalcanar; 14. 5. 87. Bill black; legs olive; iris black.

c. ♀ ad. Aola, Guadalcanar; 13. 7. 87. Bill black; legs pearl-grey; iris dark brown.

62. *DEMIEGRETТА SACRA*.

*Demiegretta sacra* (Gmel.), Salvad. *t. c.* iii. p. 345.

*a.* ♂ ad. Rubiana; 10. 3. 87. Bill grey; legs yellow; iris yellow. Food, fish.

A very fine adult male, with the crest and dorsal plumes long and well developed, the latter extending beyond the wings, and the bill seems unusually large and strong, the culmen measuring 3·6; post-femoral powder-down patches largely developed.

63. *BUTORIDES JAVANICA*.

*Butoroides javanica* (Horsf.), Salvad. *t. c.* iii. p. 359.

*a.* ♂ juv. Aola, Guadalcanar; 19. 4. 87. Bill black and yellow; legs olive; iris yellow. Food, fish.

*b.* ♂ imm. Aola, Guadalcanar; 6. 5. 87. Bill black and yellow; legs grey; iris yellow.

64. *ARDEIRALLA WOODFORDI*, sp. n.

*a.* ♀ nearly ad. Aola, Guadalcanar; 5. 7. 87. Bill straw-colour, with black streak on tip; legs olive; iris yellow.

*b.* ♂ imm. Aola, Guadalcanar; 15. 7. 87. Bill above black, below grey; legs light brown; iris yellow.

*c.* ♀ ad. Aola, Guadalcanar; 30. 8. 87. Bill above brown, below yellow; legs grey-brown; iris yellow.

	Total length.	Culmen.	Wing.	Tail.	Tarsus.
	in.	in.	in.	in.	in.
<i>a</i> . . . . .	18·4	3·1	7·4	2·7	2·7
<i>b</i> . . . . .	18·5	3·1	7·5	2·7	2·7
<i>c</i> . . . . .	18·4	3·1	7·6	2·6	2·7

CHAR. *Adult female* (spec. *c*). Head ashy black, fading gradually into the dark chestnut-rufous of the neck, back, and wing-coverts. Rump and upper tail-coverts dusky, fringed with cinnamon-rufous. Quills and tail-feathers ashy black, like the head. Superciliary streak and cheeks chestnut. Throat and neck flecked with dark shaft-spots. Whole under surface of the body cinnamon-rufous, becoming more cinnamon and less rufous below the breast. Axillaries whitish buff, under wing-coverts cinnamon and chestnut. Quills below ashy black. The long loose upper wing-coverts exceed the length of the wings by one inch.

Specimen *a* differs from the above in the following particulars only:—Some of the feathers of the head have still light transverse margins; the upper wing-coverts are light cinnamon, with dusky V-shaped subterminal markings; the quills are still edged with buff, and the outer secondaries are light red with a subterminal dark brown spot edged with buff.

*Young male* (spec. *b*). Head ashy black, rest of the upper surface dark reddish brown and blackish, all the feathers being fringed with pale buff. Basal half of the wing-coverts ashy black, each feather terminating with three parallel bars of cinnamon-rufous,

dark brown, and pale buff. Rump and upper tail-coverts dark ash, fringed with white. Quills and tail-feathers ashy black, with buff margins. Cheeks and under surface of the body cinnamon, paling into dirty white below. The feathers on the throat and neck streaked and spotted with dark brown. Axillaries whitish, under wing-coverts dark grey mixed with buff. Quills below ashy black.

So far as I have been able to ascertain, this species stands remote from anything that has hitherto been described, and the most nearly allied species appears to be *A. flavicollis*. The adult male probably resembles the female described above, but is of a somewhat darker colour on the upper surface.

65. *NYCTICORAX MANDIBULARIS*, sp. n.

*Nycticorax manillensis*, Ramsay, Proc. Linn. Soc. N. S. Wales, vii. p. 39 (nec Vigors).

a. ♂ imm. Aola, Guadalcanar; 20. 4. 87. Bill above black, below yellow; legs yellowish green; iris yellow. Food, fish.

b. ♂ imm. Aola, Guadalcanar; 2. 5. 87. Bill above black, below yellow; legs olive; iris yellow.

c. ♀ imm. Aola, Guadalcanar; 8. 5. 87. Bill above black, below yellow; legs olive; iris yellow.

d. ♀ ad. Aola, Guadalcanar; 25. 5. 87. Bill black, base of lower mandible and skin of eyes yellow; legs yellow; iris yellow.

CHAR. *Female adult* (specimen *d*). Head and crest black; rest of the upper surface, quills, and tail-feathers dull chestnut. Rump and upper tail-coverts rather brighter. An indistinct chestnut superciliary streak. Cheeks, neck, breast, and flanks bright chestnut; throat, belly, and under tail-coverts white. Axillaries chestnut, edged with pale chestnut. Quills and tail-feathers below light rufous grey. The crest is as yet unadorned with white feathers (see Ramsay's description).

*Young male* (specimen *a*). Head black, each feather with a longitudinal shaft-streak of buff; rest of the upper surface reddish brown, each feather darker towards the extremity and ending in a rufous-buff coloured spot. Cheeks, neck, breast, and flanks dirty cinnamon; throat, belly, and under tail-coverts whitish, each feather with a dark brown longitudinal band down one or both edges, most strongly developed on the throat and upper breast. Quills and tail-feathers below light rufous-grey, shading into darker and terminating in a dull buff spot.

This species occupies a somewhat intermediate position between *N. manillensis* and *N. caledonicus*, being perhaps most nearly allied to the latter. It is easily distinguished from both by its smaller size and much smaller bill. It resembles the former in having the breast and neck chestnut, but differs in having the throat white. It is at once distinguished from the latter by the absence of the white superciliary streak so strongly developed in *N. caledonicus*. Even the young of these two species may be readily distinguished, for the new bird is generally darker and has the shaft-streaks and

spots on the feathers of the upper surface rufous-buff instead of whitish yellow.

	Total length.	Culmen.	Wing.	Tail.	Tarsus.
	in.	in.	in.	in.	in.
<i>N. mandibularis</i> { ♀ ad. . .	18·5	2·9	9·9	3·7	3·3
{ ♂ imm... 18·0	18·0	2·10	9·7	3·6	3·1
<i>N. caledonicus</i> , ♂ ad. . . . .	19·5	3·5	11·5	4·1	3·3
<i>N. manillensis</i> . . . . .	21·0	3·6	12·6	4·8	3·8

#### 66. STERNA LONGIPENNIS.

*Sterna longipennis*, Nordm.; Salvad. *t. c.* iii. p. 439.

*a.* ♂ ad. Rubiana; 4. 3. 87. Bill black; legs black; feet black. Food, fish.

---

March 20, 1888.

Henry Seebohm, Esq., F.Z.S., in the Chair.

---

The following papers were read:—

#### 1. Note on the Classification of the *Ranidæ*.

By G. A. BOULENGER.

[Received February 10, 1888.]

When revising the arrangement of the tailless Batrachians for the second edition of the British Museum Catalogue (1882), I had very great difficulty in dealing with the subdivision of the large family *Ranidæ*. I had to abandon the Platy- and Oxydactyle character as a generic one, finding that, to say nothing of the complete intergradation which destroys its usefulness as an artificial character, it did not, by itself, express affinity, and that in consequence satisfactory series could not be formed upon the degree of dilatation or acumination of the digits. As an instance, I may refer to *Ranæ malabarica*, *galamensis*, *macrodactyla*, and *lateralis*, which are unquestionably very intimately related to such forms as constitute the platydactyle group *Hylorana* of certain authors (*R. erythræa*, *temporalis*, *chalconota*, &c.), and yet are more 'oxydactyle' than *Ranæ macrodon*, *kuhlii*, and many others which have by all authors, and very justly, been regarded as true *Ranæ*. I cannot see that the union of all these species, however numerous, under one genus, *Rana*, presents any serious inconvenience. On the contrary, the systematist should form well-defined genera, regardless of the